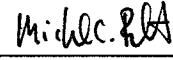


**CERTIFICATE OF ELECTRONIC SUBMISSION**  
37 C.F.R. § 1.8

I hereby certify that this correspondence is being electronically filed with the United States Patent and Trademark Office via EFS-Web on the date below:

April 3, 2007

Date



Michael C. Barrett

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:  
Bruce Douglas Smith

Serial No.: 10/811,069

Filed: March 26, 2004

For: Asymmetrically Placed Cross-Coupled  
Scintillation Crystals

Group Art Unit: 2884

Examiner: Fani Polyzos Boosalis

Atty. Dkt. No.: UTSJ:045US/MCB

**AMENDMENT AND RESPONSE TO OFFICE ACTION MAILED JANUARY 3, 2007**

**MAIL STOP AMENDMENT**  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Commissioner:

This paper is submitted in response to the Office Action mailed January 3, 2007 for which the three-month date for response is April 3, 2007. It is believed that no fees are due in connection with the filing of this document. However, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be required for any reason, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski L.L.P. Deposit Account No.: 50-1212/UTSJ:045US/MCB.

Favorable reconsideration of the application is respectfully requested in view of the amendments and comments presented below.